

**HUNTERS POINT NAVAL SHIPYARD
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM
MEETING MINUTES**

April 25, 2013

These minutes summarize the meeting of the Hunters Point Naval Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on April 25, 2013 at CH2M HILL's office in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the U.S. Navy (Navy), USEPA, California Department of Toxic Substances Control (DTSC), and San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), its consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. Action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Mr. Forman noted that the action item for the Navy to send the BCT members additional groundwater trend data for Parcel E is ongoing and will likely be completed after the groundwater data is received in June. The Navy completed the action item of resending the corrected Parcel C table on March 28, 2013. The Navy will update the BCT on the status of the action item regarding what constitutes a significant change under the Record of Decision (ROD) guidance during this BCT meeting. The remaining item is that the Navy will identify the report changes to the Parcel D-1 Phase II Draft Execution Plan in the cover letter for the plan, and this will likely be accomplished in April 2013.

2.0 Parcel B Remedial Action Update (Lara Urizar, Navy)

Shoreline Revetment

- Imported 12,000 tons of rip-rap (by barge) and 5,200 tons of filter rock.
- Constructed approximately 1,600 of 1,830 linear feet of revetment, with 230 feet remaining.

Polylactate Injection at Installation Restoration Site 10 (IR-10)

- Cored concrete slab at Building 123 to allow for injections and injected 6,290 pounds of polylactate at 45 points.
- Collected post-injection groundwater samples five weeks after injection with data expected in April.
- Biofouling inspections will be performed for three months following the injections.

Building Foundation Repairs

- Inspected all buildings to identify needed repairs.
- Completed the repairs which included grouting, filling of cracks, and excavating soil in trenches and backfilling.
- Remaining work includes covering crawl spaces openings with wire mesh.

Soil Cover

- Completed tree removal, grubbing, and hill slope excavation, and imported clean fill by barge.
- The Navy is 89% complete with installing a 2-foot soil cover and has hydromulched two acres of the cover.
- Remaining work includes completing soil installation, 1.5 acres of hydroseeding, erosion control, and vegetation establishment.

Soil Vapor Extraction (SVE) at Building 123

- Mobilized SVE treatment system components for system expansion.
- Drilled and installed new SVE wells and monitoring probes and completed baseline sampling.
- The Navy will host a Triad meeting to present the baseline data and discuss the strategy for the system. The meeting is scheduled for April 30, 2013.
- Remaining work is expected to be completed in September 2013.

The Navy noted that they will need a quick regulatory review of the Work Plan so that their contractor can characterize the contamination at the combined site and hopefully finish the revetment wall.

3.0 Parcel G Remedial Action (Hamide Kayaci, Navy)

Current Status Update

- Graded site to obtain positive drainage, aggregate base was imported to build the cover, 2 inches of asphalt was placed over the cover, and some of the existing asphalt was sealed.
- Building slabs were also repaired and openings sealed.
- The Remedial Action Closure Report (RACR) will document current and past remedial actions that were completed and that the final cover will be inspected and maintained.
- Remaining work includes completing rough grading, placing aggregate base, completing slab repairs, installing the asphalt pavement, preparing the RACR, and performing quarterly inspections and maintenance.

Craig Cooper (USEPA) asked where the soil that is currently covering the asphalt came from. Mr. Forman responded that the soil is likely from onsite radiological excavations combined with clean fill brought in for backfill. Mr. Cooper noted that the soil should be clean and meeting remedial goals before it is used as backfill. Melanie Kito (Navy) noted that the asphalt cover will cover this soil and it is not being used as a soil cover. Mr. Cooper noted that there were some inconsistent messages about the function of the durable cover during the community meeting. He would like the Navy to develop some talking points concerning descriptions of durable covers so the message about what they are used for is consistent amongst the Navy and the regulators.

4.0 Radiological Program Update (Chris Yantos, Navy)

Parcel C Phase II Storm Drain and Sewer Removals and Building Surveys

- Phase II has removed approximately 8,000 linear feet of lines and 16,000 cubic yards of soil, and the sampling of trenches and the radiological screening yard pads is ongoing.
- The Navy is beginning to scan the surface of Berths 3, 4, and 5. Berths 1 and 2 concrete is still being scanned. Activities being performed at Buildings 211 and 253 include mobilization, trash removal, and mapping of ventilation and drain lines. The Navy is finding detections of radiological contaminants in the vent systems.

Mr. Cooper asked what type of air filters were used in the buildings and Mr. Yantos noted that he will check with the contractor and get back to him.

Parcel E 500 Series Building and Site Surveys

- At Former Shack 79/80, one survey unit had elevated levels of cesium-137 and characterization and remediation are underway.
- At the Building 707 Triangle Area, two elevated cesium-137 spots were identified during definitive analysis of two survey units. Characterization and remediation are underway.

Parcel D-1, Phase I Report

- The Navy issued a final Final Status Survey (FSS) for former Building 313, 313A, 322 and 383 Sites.
- The final South Pier FSS will be submitted in May, 2013 and the draft Gun Mole Pier FSS will be submitted in June 2013.
- The Phase I radiological RACR is under development and due in June 2013.

5.0 Parcel F Radiological Data Gap Investigation Update (Chris Yantos, Navy)

Background

- The Historical Radiological Assessment (HRA) was developed for the base in 1994 and Parcel F is being investigated according to recommendations in the HRA.
- In 2009, Phase I collected 186 samples and 10 locations were above Project Action Levels (PALs).

- In 2011, Phase 2a investigated Parcel F adjacent to Parcel B. No areas were found that exceeded PALs.
- In 2012, the Navy began Phase 2b to sample the remaining portions of Parcel F and resample the area where exceedances were found during the Phase I study.

Phase 2b Findings

- The Phase I samples were pulled from the archive and re-analyzed (8 of 10 locations could be submitted). All samples were found to be below PALs once re-analyzed.
- The Navy resampled at the other two locations where archive samples were not available and all samples were below PALs.
- The Navy also completed sediment coring at 141 locations in Parcel F and collected 670 samples from those locations. All samples were below PALs.
- Based on the analysis and re-analysis of 1,063 samples, the Navy has no detections above PALs in Parcel F.

Path Forward

- Navy will provide the Phase 2b technical memorandum to the BCT for review and comment in June 2013.
- The Navy would like to have future discussions about shrinking the Parcel F area since they no longer need to screen hotspot excavation areas for radiological contamination.

Mr. Miya asked about sampling Parcel F in the Building 140 area. He recalls that there were exceedances in the intake near Building 140 and the Navy may need to re-evaluate that area. The Navy did collect additional samples in that dry dock but he will look into the technical memorandum that was done for Building 140. Mr. Forman asked Mr. Miya to talk with the California Department of Public Health (CDPH) to see if they have a path forward for designating a portion of the base as not impacted. There will need to be additional discussions regarding how the radiological path forward will be documented. These discussions will need to start after they have reviewed the technical memorandum.

Tina Low (Water Board) asked about the sampling under the old piers. Mr. Yantos noted that this work has not yet been awarded under a contract. Mr. Forman asked the USEPA if the Parcel F schedule is compatible with the work going on at Yosemite Slough and Mr. Cooper noted that the schedule looks fine.

6.0 Parcel C Remedial Action Update (Lora Battaglia, Navy)

Status Update

- Final Work Plan issued in March 2013.
- Fieldwork began in March 2013.
 - Decommissioned six temporary wells at Building 258

- Installed five monitoring well pairs at Building 258
- Installed five soil vapor probe pairs, six SVE wells, and eight monitoring well pairs at Building 251
- Developed 13 monitoring wells
- Groundwater sampling began in April 2013 and will continue for two weeks
- Excavations will begin in May 2013 with installation of the SVE system to follow.
- In-situ bioremediation injections will begin in May 2013 with bio-augmentation injections to follow in June 2013.
- Groundwater sampling will start one-month after the injection event with additional events following afterwards every three months for a year.

Ms. Kito noted that the Navy will likely need to do an Explanation of Significant Differences (ESD) instead of an amendment to the ROD. Mr. Cooper will check with his management but thinks this is a good way to proceed. The Navy is working on an ESD technical memorandum which would give the rationale for doing an ESD on this site.

7.0 Soil Vapor Update Parcel UC-1 (Hamide Kayaci, Navy)

Review of Record of Decision Requirements

- The final ROD for Parcels D-1 and UC-1 states that soil vapor surveys will be conducted for the following reasons:
 - Evaluate potential vapor intrusion risks
 - To identify chemicals of concern (COCCs) for which risk-based numeric action levels for volatile organic compounds (VOCs) in soil gas would be established (based on a cumulative risk of 10^{-6})
 - Identify where the initial Areas Requiring Institutional Controls (ARICs) for VOCs would be retained and where they would be released
 - Evaluate the need for additional remedial action in order to remove ARICs
- Section 2.5.1 of the Human Health Risk Assessment states “no chemical cancer risk was greater than 10^{-6} within Parcel UC-1” in soil or groundwater.
- Radiological risks in Parcel UC-1 were above the risk management range; however, the removal action was successful and free release was achieved.
- The final Land Use Control (LUC) remedial design for Parcels UC-1 and UC-2 designates the entire footprint of Parcel UC-1 as an ARIC (related to VOC vapors and other restrictions).

Soil Vapor Investigation Results

- The Navy published the results of the final soil vapor investigation in support of the vapor intrusion assessment in March 2013.
- It was reported that Parcel G contains two one-acre risk grids in IR-33 adjacent to Parcel UC-1 that exceed the risk threshold for VOCs.

Soil Vapor in Vicinity of Parcel UC-1

- Soil vapor surveys are used to identify indoor air intrusion but only two small pump houses are present at Parcel UC-1.
- There is no known groundwater plume located up gradient of Parcel UC-1.
- The downgradient IR-09 plume has been previously delineated to show no soil vapor threats exist near the Parcel UC-1 and Parcel G border.
- At the time of the soil gas study, heavy rains prevented soil vapor sampling across the entire site.
- No data have been collected to date to allow for evaluation of vapor intrusion risks and refinement of the ARIC at Parcel UC-1.

The Navy does not think that soil gas sampling is necessary at Parcel UC-1 because there are no unacceptable risks from chemicals present in soil or groundwater. Parcel UC-1 will still have an ARIC on the parcel because the entire base will have an ARIC. Amy Brownell (City) noted that soil vapor sampling was included across the base to evaluate the indoor air intrusion pathway. Since this parcel was not able to have soil gas collected from it, an ARIC is required. This parcel will only need a few soil gas samples in order to characterize the site. The USEPA requests that the Navy follow the ROD and take soil gas samples from this parcel.

The Navy will report back to the BCT on the proposed path forward on Parcel UC-1.

8.0 Parcel E-2 Landfill Gas Survey Work Plan Update (Lara Urizar, Navy)

Navy Responses to Comments (RTCs)

- The USEPA requested that the Work Plan delete the pre-filters or demonstrate that the media in the pre-filters will not impact the analytical results and that filtering is actually necessary.
 - The Navy's response is that pre-filters will be used during soil gas sampling purging to verify that the sample and container internals are not radiologically contaminated during collection. Filters will be scanned via handheld radiological detection equipment following purging.
- The USEPA would like the Work Plan revised to propose a method to determine the optimum time for sampling.

- The Navy will do a purge volume test to determine the proper purge volume. The purge volume with the highest concentration of VOCs will be applied to all soil gas probe sampling locations.
- The USEPA would like the Work Plan to describe the laboratory confirmation requirements.
 - Laboratory sampling locations will be selected based on the following:
 - Results of the initial landfill gas sampling and photoionization detector field survey
 - Prioritization of ERRG's need for lab confirmation requirements in each area of concern
 - Proximity to estimated extent of landfill influence of soil gas concentrations
 - Proximity to HPNS western boundary fence and the Parcel E-2 boundary line
 - Presence of putrescible debris in borehole
 - At least 25% of probes in each area of concern will be sampled via laboratory analysis
 - A conference call with the BCT may also occur before performing laboratory analysis to confirm selection of laboratory sampling locations.
- The USEPA would like the Navy to use analytical method TO-15 instead of TO-17.
 - The Navy agrees and will revise the Work Plan.
- The USEPA would like the background sampling locations to be located in the Metal Slag Area excavation.
 - The Navy will move the background locations to the Metal Slag Area within borings that did not show presence of putrescible waste.

The soil gas probe installation will be conducted in May and June 2013 followed by radius of influence well/pressure probe installation in June and July 2013.

9.0 Transfer Schedule Update (Keith Forman, Navy)

The Draft Radiological RACR for Parcel D-1 will be delayed because of the ongoing Phase II fieldwork. The Parcel E draft ROD will be delayed because the proposed plan was extended by two weeks. For Parcel G, the non-radiological RACR will be delayed due to the fieldwork by about two months. Also, the draft remedial design for Parcel E-2 will be delayed a month because of the soil vapor investigation. These changes to the schedule will be documented in extension requests.

10.0 Community Involvement Update (Matt Robinson, CirclePoint)

- Distributed copies of the Quarterly Progress Update – 1st Quarter 2013.
- Hosted a booth and passed out informational materials at an Earth Day event at the Bayview Opera House on April 20, 2013.
- The Navy held a community meeting on April 24, 2013, which presented progress updates for Parcels B and G.
- The Community Involvement Plan (CIP) is being updated and the Navy has been working with the USEPA on descriptions of the survey results.
- For May, the Navy will finalize the draft CIP for BCT review and the first quarter Progress Update will be sent out to the community via the email list.

11.0 Action Items/Future Meetings (Keith Forman, Navy)

The next BCT meeting will be held on May 23, 2013 at the CH2M HILL offices in Oakland, California. Action items are summarized below and included as Attachment C.

- The Navy will propose a meeting date for the Parcel B RA Triad meeting to the regulators.
- The Navy will send the regulators talking or discussion points concerning the purpose of the soil remedy and durable covers.
- The Navy will follow-up with the USEPA on the types of air filters used inside Buildings 253 and 211.
- The Navy will update the BCT on the Parcel F path forward for chemical sampling underneath the old piers.
- The Navy will report back to the BCT regarding soil vapor sampling at Parcel UC-1.
- The Navy will send out an email request for a Triad meeting for IR-03.

ATTACHMENT A

HUNTERS POINT NAVAL SHIPYARD MEETING ATTENDANCE SHEET

Topic: BCT Meeting
Location: CH2M HILL's Office
155 Grand Avenue, Suite 800
Oakland, CA
Date/Time: April 25, 2013/10:00 p.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	X
	Lara Urizar	619-532-0960	lara.urizar.ctr@navy.mil	X
	Hamide Kayaci	619-532-0930	hamide.kayaci.ctr@navy.mil	X
	Chris Yantos	619-532-0952	christopher.yantos.ctr@navy.mil	X
	Laurie Lowman	757-887-7650	laurie.lowman@navy.mil	
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	Frank Fernandez	510-749-5936	franklin.d.fernandez@navy.mil	
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	Lora Battaglia	619-532-0968	lora.battaglia.ctr@navy.mil	X
	Chantry Davis	619-532-0904	william.c.davis9@navy.mil	
	Danielle Janda	619-532-0796	danielle.janda@navy.mil	X
	Tony Konzen	619-532-0924	anthony.konzen.ctr@navy.mil	
	Jeremy Schwartz	510-521-8672	jeremy.m.schwartz@navy.mil	
USEPA	Craig Cooper	415-947-4148	cooper.craig@epa.gov	X
	Jackie Lane	415-972-3236	lane.jackie@epa.gov	X
	Yvonne Fong	415-947-4117	fong.yvonne@epa.gov	
DTSC	Ryan Miya	510-540-3775	ryan.miya@dtsc.ca.gov	X
Water Board	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	X
	Tina Low	510-622-5682	tlow@waterboards.ca.gov	X

Organization	Name	Phone Number	E-Mail Address	Present
CDPH	Tracy Jue	916-324-4808	tracy.jue@cdph.ca.gov	X
	Jeff Wong	510-620-3423	jeff.wong@cdph.ca.gov	X
	Larry Morgan			
	Roger Lupo	916-440-7955	roger.lupo@cdph.ca.gov	X
CDFG	Charlie Huang			
	Tami Nakahara			
City of SF	Amy Brownell	415-252-3967	amy.brownell@sfdph.org	X
Treadwell and Rollo/Langan	Sigrida Reinis	415-955-9040	sreinis@langan.com	X
	Dorinda Shipman	415-955-5262	dshipman@langan.com	
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	Christina Simmons	415-955-5247	csimmons@langan.com	X
Geosyntec	Jeff Austin	415-218-0027	jasustin@geosyntec.com	X
BVHP/Lennar	Steve Rottenborn	408-458-3205	srottenborn@harveyecology.com	
Tech Law Inc., <i>USEPA contractor</i>	Karla Brasaemle	415-762-0566	kbrasaemle@techlawinc.com	X
	Mary Snow			
	Mark Pantoja	415-762-0565	mpantoja@techlawinc.com	
Arc Ecology	Martha Walters		rosewalt@aol.com	X
BCDC	Rafael Montes	415-352-3670	rafaelm@bcdca.gov	
<i>Navy Contractors</i>				
Tetra Tech EM, Inc.	Tim Mower	313-312-8874	tim.mower@tetrattech.com	
	Bill Dougherty	415-216-2731	bill.dougherty@tetrattech.com	
	Shanti Montgomery	415-216-2772	shanti.montgomery@tetrattech.com	

Organization	Name	Phone Number	E-Mail Address	Present
CE2	Bruce Rucker	925-400-4586	rucker@ce2corp.com	X
Kleinfelder	Gabriel Fuson	510-774-4115	gfuson@kleinfelder.com	
	Eric Johansen	619-694-5516	ejohansen@kleinfelder.com	X
KCH	Leslie Lundgren	415-541-7110	leslie.lundgren@ch2m.com	X
	Jamie Hamm	415-819-4971	jamie.hamm@ch2m.com	X
	Ted Tyler	602-790-2492	etyler@kleinfelder.com	
	Emily Steinkamp	510-628-9000	esteinkamp@kleinfelder.com	
	Doug Gilkey	619-694-5523	dgilkey@kleinfelder.com	
	Scott Wolfskill	858-320-2235	swolfskill@kleinfelder.com	
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	John Sourial	415-848-7103	john.sourial@errg.com	X
ITSI	Jim Schollard	925-946-3107	jschollard@itsi.com	
	Brett Womack	925-250-8077	bwomack@itsi.com	X
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	Arvind Archarya	510-719-6858	aacharya@itsi.com	
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Shaw Group	Wayne Akiyama	925-288-2003	wayne.akiyama@shawgrp.com	
	Ray Schul	415-822-1224	raymond.schul@sahwgrp.com	
	Ulrika Messer	619-241-9451	ulrika.messer@shawgrp.com	X
	Steve Pierce			X
Battelle	John Hardin	619-574-4827	hardinj@battelle.org	

Organization	Name	Phone Number	E-Mail Address	Present
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	Jeff Fenton	707-793-3832	jeffery.fenton@amec.com	
	Ray Hendry	303-807-4421		
PNNL	Steve Maheras			
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URS	Jerry Zimmerle	714-433-7738	jerome.zimmerle@urscorp.com	
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Arcadis	Scott Morris	619-291-7800 ext. 21	scott.morris@arcadis-us.com	X
	Bill Beaman	510-596-9524	william.beaman@arcadis-us.com	
CKY, Inc.	Howard Wittenberg		howard@ckyinc.com	
Cabrera/Insight	Mitra Fattahipour		MFattahipour@ieeci.com	X
	Craig Bias	210-439-8532	cbias@cabreraservices.com	X

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

April 25, 2013

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Historically Reviewed									
1	E-2	Draft Ship Shielding Rad RACR	12/6/12	1/22/13		1/16/13 No comment	1/22/13	1/31/13 No comment	2/1/13
2	D-1	Draft Final Status Survey Results at Former Building 313, 313A, and 322 Sites	12/7/12	1/7/13					
3	F	Final Data Gap Investigation Work Plan and SAP Addendum (2b)	12/10/12	n/a					
4	D-1	Draft Final Status Survey Report for Building 383 Area	12/10/12	1/11/13			1/11/13		
5	UC-1,2	Draft non Rad RACR	12/12/12	1/14/13		1/14/13	1/15/13		1/17/13
6	G	Final Remedial Action Work Plan	12/12/12	n/a					
7	E	Draft GWTS Report Addendum	12/20/12	1/22/13		1/24/13	1/22/13	1/29/13	1/25/13
8	E	Draft Final Proposed Plan	12/20/12	1/11/13		1/9/13	1/10/13	1/14/13	1/11/13
9	E-2	Final Technical Memorandum for Geotechnical Investigation	1/3/13	n/a					
10	E	Draft Soil Characterization Tech Memo	1/8/13	2/8/13		2/12/13	2/6/13	2/21/13	2/12/13 4/18/13
11	E	Draft Pothole Area Characterization Work Plan	1/8/13	2/8/13			2/6/13	2/12/13	2/7/13 4/15/13 No comment
12	B	Startup and Operations Plan for Soil Vapor Extraction System at IR10	1/10/13	1/31/13	Concurrence Requested	1/22/13			1/25/13

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
13	B	Revised Polylactate Injection Plan for the Remedial Action	1/12/13	1/24/13	Concurrence Requested	1/21/13	1/22/13	1/22/13	1/17/13 No comment
14	C	Final Execution Plan, Building 253 and 211	1/16/13	n/a					
15	D-1	Replacement Pages and RTCs for Draft Survey Unit Project Reports for Survey Units 254, 256, 265, and 283	1/21/13	n/a	Pages make Draft into Final				
16	E-2	Landfill Gas Monitoring Report for October-December 2012	1/21/13	n/a					
17	E	Draft Final Status Survey Results, Former Building 506 Site	1/21/13	2/18/13			2/15/13		
18	UC-1,2	Draft Operation and Maintenance Plan	1/25/13	2/25/13			2/26/13	2/14/13	2/27/13 4/15/13
19	E	Draft Final Status Survey Results, Former Building 508 Site	1/25/13	2/25/13					
20	E	Draft Final Status Survey Results, Former Building 507 Site	1/25/13	2/25/13					
21	E-2	Monthly Landfill Gas Monitoring Letter Report for January 2013	1/30/13	n/a					
22	C	Replacement Pages for Final Remedial Design and Design Basis Report	2/1/13	n/a					
23	B	Final Petroleum Quarterly Monitoring Report (2Q 2012)	2/4/13	n/a					
24	E-2	Final Ship Shielding RACR	2/13/13	n/a					
25	E	Final IR 03 Treatability Study Report	2/15/13	n/a					
26	B	Appendix B and D to Final Remedial Action Work Plan	2/19/13	n/a					
27	B	Final Petroleum Quarterly Monitoring Report (4Q 2011)	2/22/13	n/a					

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
28	B	Final Petroleum Quarterly Monitoring Report (1Q 2012)	2/27/13	n/a					
Document Review Period Recently Completed									
1	E	Final, Final Status Survey Results, Former Building 510/510A Site	1/31/13	3/4/13					
2	E-2	Draft RACR for PCB TCRA - Phase 2	2/7/13	3/25/13			3/25/13		3/26/13
3	D-1	Draft Final Status Survey Report for South Pier Area	2/7/13	3/6/13			3/6/13		
4	E/UC-3	Proposed Plan to Public and BCT	2/12/13	4/1/13					
5	E-2	Draft Work Plan, Landfill Gas Survey At Parcel E-2	2/21/13	3/25/13			3/25/13		3/28/13 No comment
6	UC-1,2	Final Remedial Action Completion Report	2/27/13	n/a					
7	E	Final Survey Unit Project Reports for Survey Units 225, 229, 230, and 235	3/6/13	n/a					
8	E	Final Survey Unit Project Reports for Survey Units 228, 240, 241, and 245	3/7/13	n/a					
9	B	Final Petroleum Quarterly Monitoring Report (3Q 2012)	3/7/13	n/a					
10	UC-1,2	RTCs on Draft Remedial Action Completion Report	3/8/13	n/a					
11	B, D-1, G and UC-2	Final Soil Vapor Investigation Tech Memo	3/8/13	n/a					
12	E	Final Survey Unit Project Reports for Survey Units 246, 248, 249, and 300	3/13/13	n/a					
13	E	Final Survey Unit Project Reports for Survey Units 301, 306, 307, and 308	3/14/13	n/a					
14	C	Final Remedial Action Work Plan RU-C2	3/14/13	n/a					

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Currently Under Review									
1	C	Draft Remedial Action Work Plan for RU-C1, RU-C4, RU-C5, and Building 241 Area	11/16/12	3/29/13	Comments Pending Tech Memo				3/29/13
2	E	Draft NAPL Treatment Pilot Study Work Plan, IR03	3/15/13	4/16/13					4/15/13
3	B	Final FOST for IR 7/18	3/19/13	n/a					
4	D-1	Final, Final Status Survey Report, Building 383 Area	3/20/13	4/20/13					
5	E	Final Survey Unit Project Reports for Survey Units 305, 309, 310, and 311	3/21/13	n/a					
6	E	Final GWTS Report Addendum	3/21/13	n/a					
7	D-1	Final, Final Status Survey Report, Former Building 313, 313A, and 322 Sites	3/21/13	4/22/13					
8	E	Final, Final Status Survey Results, Former Building 507 Site	3/26/13	4/26/13					
9	B, D-1, and G	Post Construction Summary Report, Petroleum Hydrocarbon Corrective Action	3/26/13	n/a					
10	E	Final, Final Status Survey Results, Former Building 508 Site	3/27/13	4/29/13					
11	E	Final, Final Status Survey Results, Former Building 520 Site	4/2/13	5/2/13					
12	E	Draft Final Status Survey Results, Former Building 503 Site	4/9/13	5/10/13					
13	F/B	Final Technical Memorandum for RAD Data Gap Investigation Phase 2a	4/15/13	n/a					
14	UC-1,2	Final O&M Plan	4/24/13	n/a					

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents For Upcoming Review (next 3 months)									
1	C	Final RA Work Plan for RU-C1, RU-C5, and Building 241 Area	4/28/13	n/a	Date Tentative				
2	E	Final Soil Characterization Tech Memo	4/30/13	n/a	Date Tentative				
3	E-2	Final RACR for PCB TCRA - Phase 2	5/8/13	n/a	Date Tentative				
4	E	Final Work Plan for Pot Hole Characterization	5/9/13	n/a	Date Tentative				
5	E-2	Draft Remedial Design	5/24/13	45 days from submittal date	Date Tentative				
6	E	Draft ROD	5/29/13	45 days from submittal date	Date Tentative				
7	UC-3	Draft ROD	5/29/13	45 days from submittal date	Date Tentative				
8	E	ISTR Final IR03 Pilot Study Design	6/4/13	n/a	Date Tentative				
9	All	Draft Five Year Review	6/18/13	45 days from submittal date	Date Tentative				
10	All	Basewide Stormwater Annual Report (2012-2013)	6/26/13	n/a	Date Tentative				
11	F	Draft Radiological Data Gap Investigation Tech Memo #2b	6/26/13	30 days from submittal date	Date Tentative				
12	D-1	Draft RAD RACR- North	7/12/13	30 days from submittal date	Date Tentative				
13	E-2	Quarterly Landfill Gas Monitoring Report, Second Quarter 2013	7/29/13	n/a	Date Tentative				
14	F	Final RAD Data Gap Investigation - Tech Memo #2b	8/23/13	30 days from submittal date	Date Tentative				

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
CDPH	California Department of Public Health		RI		Remedial investigation				
DTSC	Department of Toxic Substances Control		RTC		Response to comment				
EPA	U.S. Environmental Protection Agency		SF		San Francisco				
FOSL	Finding of suitability to lease		TCRA		Time critical removal action				
FOST	Finding of suitability to transfer		TPH		Total petroleum hydrocarbon				
FS	Feasibility study		Water Board		San Francisco Bay Regional Water Quality Control Board				
FSS	Final Status Survey								
n/a	Not applicable								

ATTACHMENT C**HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS**

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
New Action Items					
1	The Navy will propose a meeting date for the Parcel B RA Triad meeting to the regulators.	Navy – Lara Urizar			Completed on April 30, 2013
2	The Navy will send the regulators talking or discussion points concerning the purpose of the soil remedy and durable covers.	Navy			In progress
3	The Navy will follow-up with the USEPA on the types of air filters used inside Buildings 253 and 211.	Navy – Chris Yantos			In progress
4	The Navy will update the BCT on the Parcel F path forward for chemical sampling underneath the old piers.	Navy			In progress
5	The Navy will report back to the BCT regarding soil vapor sampling at Parcel UC-1.	Navy			In progress
6	The Navy will send out an email request for a Triad meeting for IR-03.	Navy			Completed
Outstanding Action Items					
1	The changes to the Parcel D-1, Phase II Draft Execution Plan are relatively minor and will be identified in the Navy's cover letter so that the agencies know not to review the entire document again.	Navy – Chris Yantos		In Progress. Estimated completion date is approximately April 28-29, 2013.	The changes to the Parcel D-1, Phase II Draft Execution Plan are relatively minor and will be identified in the Navy's cover letter so that the agencies know not to review the entire document again.

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
2	The Navy will send an email to the regulators with some additional groundwater trend data for Parcel E.	Navy – Hamide Kayaci		Navy is waiting on groundwater data which is expected at end of June.	The Navy will send an email to the regulators with some additional groundwater trend data for Parcel E.